

antibodies used are labeled in advance by peroxidase, alkaline phosphatase, or other enzymes permitting visualization of the binding by addition and incubation with relevant substrates, or

1.4.3. the antibody fragments are biotinylated and the binding visualized when adding the incubating with avidin complexed to peroxidase, alkaline phosphatase, or other enzymes, with addition and incubation with relevant substrates, or

B<sup>1</sup>  
1.5.1. subjecting the incubated paramagnetic particles-antibodies-cell mixture (1.3) to a magnetic field if the density of target-cells is low, or if the ratio of target cell/total cells in the cell mixture is low ( $\leq 1\%$ ) and then examining and counting the stained or unstained particles-target-cell complexes in the cell suspension, using a microscope and/or a suitable cell/particle counting device, or,

1.5.2. examining and counting the target-cells in the incubated mixture of paramagnetic particles, antibodies and cell mixture (1.3), or in the case when the antibodies or antibody fragments are conjugated to non-paramagnetic particles that can be visualized directly because of colour or through enzymatic activation, using a microscope and/or a suitable cell/particle counting device if the ratio of target-cells/total cells in the cell suspension is adequate ( $> 1\%$ ).

#### REMARKS

Applicant respectfully requests entry of the above preliminary amendment to claim 1. This amendment is made to reinsert language into the preamble of claim 1 that was inadvertently omitted in the set of claims dated 26 August 1994, which language was included in claim 1 as filed with the Demand on 14 April 1994, and should not have been deleted later. It

should be noted that the Written Opinion of 10 June 1994 was based on claim 1 containing the later omitted language.

The above amendment also corrects minor typographical errors in the claim.

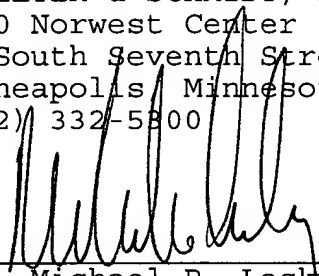
Respectfully submitted,

Fodstad, et al.

By their Attorneys,

MERCHANT, GOULD, SMITH, EDELL,  
WELTER & SCHMIDT, P.A.  
3100 Norwest Center  
90 South Seventh Street  
Minneapolis, Minnesota 55402  
(612) 332-5800

By



---

Michael B. Lasky  
Reg. No. 29,555  
MBL/klk